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OM nucleic - nucleic search, using sw model

Run on: December 4, 2002, 03:33:36 ; Search time 230 Seconds
(without alignments)
4677.497 Million cell updates/sec

Title: US-09-784-340-1

Perfect score: 2759
Sequence: 1 caaccatgcacatcagctgtc.....ctgtcagccgttactgacg 2759

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 350425 seqs, 194966369 residues

Total number of hits satisfying chosen parameters: 700850

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published_Applications-NA: *
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length DB	ID	Description
1	2331.4	84.5	2966	9	US-09-981-353-33
2	2330	84.5	2974	12	US-10-053-586-521
3	2309.6	83.7	3006	9	US-09-962-678-1
4	1636	59.3	1636	9	US-09-981-353-165
5	1582.4	57.4	1584	9	US-09-962-678-3
6	810.4	29.4	1889	9	US-09-981-353-83
7	782	28.3	2090	10	US-09-880-107-3292
8	766.2	27.8	2123	10	US-09-880-107-3286
9	758	27.5	2093	10	US-09-880-107-3842
10	754.8	27.4	1855	10	US-09-880-107-2120
11	753.2	27.3	1714	9	US-09-981-353-193
12	750.4	27.2	2150	9	US-09-981-353-45
13	743.8	27.0	1712	9	US-09-981-353-189
14	732.6	26.6	2799	10	US-09-880-107-3756
15	693.4	25.1	1961	10	US-09-917-800A-1403
16	332.2	12.0	2380	12	US-10-044-090-816
17	332.2	11.9	2385	9	US-09-981-353-153
18	329	11.9	2422	10	US-09-880-107-2106
19	322.4	11.7	2320	10	US-09-835-082-1

20	322.4	11.7	2320	10	US-09-835-082-3	Sequence 3, Appl
21	321.4	11.6	2349	9	US-09-981-353-151	Sequence 151, App
22	321.4	11.6	2349	12	US-10-044-090-845	Sequence 845, App
23	287.6	10.4	418	10	US-09-960-352-10064	Sequence 10064, A
24	272.2	9.9	735	10	US-09-305-856B-17	Sequence 17, Appl
25	269.2	9.8	426	10	US-09-960-352-13860	Sequence 13860, A
26	255.8	9.3	419	10	US-09-960-352-9640	Sequence 9640, App
27	248	9.0	2448	10	US-09-967-768A-187	Sequence 187, App
28	247	9.0	378	10	US-09-960-352-1300	Sequence 1300, App
29	217.6	7.9	582	10	US-09-867-701-1453	Sequence 1453, App
30	217.2	7.9	345	10	US-09-960-352-8015	Sequence 8015, App
31	213	7.7	370	10	US-09-960-352-11024	Sequence 336, App
32	213	7.7	417	10	US-09-960-352-11024	Sequence 11024, A
33	207.2	7.5	413	10	US-09-960-352-3208	Sequence 3208, App
34	206.8	7.5	416	10	US-09-860-352-12236	Sequence 12236, A
35	202.6	7.3	588	10	US-09-833-381-344	Sequence 344, App
36	202	7.3	537	10	US-09-864-761-8424	Sequence 8424, App
37	199.4	7.2	537	10	US-09-864-761-14855	Sequence 14855, A
38	199	7.2	624	9	US-09-981-353-190	Sequence 190, App
39	196.2	7.1	381	10	US-09-960-352-2070	Sequence 2070, App
40	191.2	6.9	601	10	US-09-917-800A-1433	Sequence 1433, App
41	191.2	6.9	603	10	US-09-917-800A-1434	Sequence 1434, App
42	186.6	6.8	383	10	US-09-960-352-1313	Sequence 1313, App
43	184.2	6.7	350	10	US-09-960-352-3069	Sequence 2069, App
44	175	6.3	224	10	US-09-864-761-31383	Sequence 31383, A
45	174.6	6.3	334	9	US-09-981-353-149	Sequence 149, App

ALIGNMENTS

RESULT 1
US-09-981-353-33
Sequence 33, Application US/09981353
Patent No. US20020160382A1
GENERAL INFORMATION:
APPLICANT: Lasek, Amy W.
APPLICANT: Jones, David A.
TITLE OF INVENTION: GENES EXPRESSED IN COLON CANCER
FILE REFERENCE: PA-0038 US
CURRENT APPLICATION NUMBER: US/09/981,353
CURRENT FILING DATE: 2001-10-11
NUMBER OF SEQ ID NOS: 194
SOFTWARE: PERL Program
SEQ ID NO 33
LENGTH: 2966
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc.feature
OTHER INFORMATION: Incyte ID No. US20020160382A1 997080.1
US-09-981-353-33

Query Match 84.5%: Score 2331.4; DB 9; Length 2966;

Best Local Similarity 96.2%: Pred. No. 0; Mismatches 86; Indels 10; Gaps 5;

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QY	69	TGCTCTGACAGCTCTTCTGTGTGATTTCTGTGGAAAGTCTGCTGTGGCCCT	128				
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Oy 2520 GCTTGTCTGAAAGTAAAA 2538
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RESULT 2
US-10-052-586-521
; Sequence 521, Application US/10052586
; Patent No. US20020127584A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C1
; CURRENT APPLICATION NUMBER: US/10/052,586
; PRIOR APPLICATION NUMBER: 2002-01-15
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059266
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; PRIOR FILING DATE: 1998-05-18
; PRIOR APPLICATION NUMBER: 60/086392
; PRIOR FILING DATE: 1998-05-22

PRIOR APPLICATION NUMBER: 60/086486
PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/087098
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087208
PRIOR FILING DATE: 1998-05-28
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PRIOR FILING DATE: 1998-06-02
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PRIOR APPLICATION NUMBER: 60/088824
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088825
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088826
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088861
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088863
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088876
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089090
PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089105
PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089512
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089514
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089538
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089598
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089908

Query Match 84.5%; Score 2330; DB 12; Length 2974;
Best Local Similarity 96.3%; Pred. No. 0;
Matches 2441; Conservative 0; Mismatches 85; Indels 10; Gaps 5;

12 GATAGTGTGTGAGGAAGTCCATCATGAGGTGTGACAAAGTCAGCTTTGGTATTCTGCG 71

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Db 1 GATAGTGTGTGAGGAAGTCCATCATGAGGTGTGACAAAGTCCAGCTTTGGTATTCTGCG 60
OY 72 TCCGTGAGCTTCTCTGTGGCTGTGAGTCTGTGGGAAAGTCTGTGGCCCTGTG 131
Db 61 TCCGTGAGCTTCTCTGTGGCTGTGAGTCTGTGGGAAAGTCTGTGGCCCTGTG 120
OY 132 ACATGAGCATTTGGCTTAATGTCAAGGTCATTCTAGAAGAGCTCATAGTAGAGGCCATG 191
Db 121 ACATGAGCATTTGGCTTAATGTCAAGGTCATTCTAGAAGAGCTCATAGTAGAGGCCATG 180
OY 192 AGGTACAGATTGATGCTCAGTCAAAAGCCTTGTTAATTGACTACAGAGACCTTCTCAT 251
Db 181 AGGTACAGATTGATGCTCAGTCAAAAGCCTTGTTAATTGACTACAGAGACCTTCTCAT 240
OY 252 TGAATTTGAGGTGCTCATATGCCACAGGACAGAAACAGAAAGAAATATTGTG 311
Db 241 TGAATTTGAGGTGCTCATATGCCACAGGACAGAAAGAAAGAAATATTGTG 300
OY 312 ACCTAGCTCTGAATGCTTGGCAGGCTTATCAACCTGGCAATCAGTTAAATTAATG 371
Db 301 ACCTAGCTCTGAATGCTTGGCAGGCTTATCAACCTGGCAATCAGTTAAATTAATG 360
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Db 361 ATTTTGTGTTGAAATTAAGAGAACTTTAAATATGATGTGAGAGCTTATCTACATC 420
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Db 421 AGACGCTTATGAAGAGCTACAGAGAAACCACTAGATGTATGCTTATAGACCTGTGA 480
OY 492 TTCCCTGTGAGAGACCTGATGAGTGTGAGTGTGCTTGTGCTCAACTAGGA 551
Db 481 TTCCCTGTGAGAGACCTGATGAGTGTGAGTGTGCTTGTGCTCAACTAGGA 540
OY 552 TTTCCTGTAGAGCAATATGAGAGGCAAGCTGTGGGAACTTCCAGTCCACTTCTATG 611
Db 541 TTTCCTGTAGAGCAATATGAGAGGCAAGCTGTGGGAACTTCCAGTCCACTTCTATG 600
OY 612 TACCTGTGCTATGACAGGACTTAACAGACAGAAATGACCTTGTGGAAGATTTAAAT 671
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Db 721 AGTTTATAGAGCAATTAAGAGGCCACTACATTATGTGAGACTGTGGAAAGCTG 780
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Db 1021 AGGTGTTATGAGATACAAAGGAAAGAAACCATCCATCTAGAGGCAATCTGGCTGT 1080
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Db 1741 CCATGATCATGAGGTGTGATATATCTGTTATTTCTGTTGATTTTCCAGGTGCTT 1800
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Db 1801 ACTCTCTCTCTACCTTTGTGACACAGACATGAATACATCTAAATTTCTATTTCTG 1860
QY 1872 ATATCATGTTTCCATGAGGTGATCTGTAACCTTAAGATAGGGGTGACCTGCAA 1931
Db 1861 ATATGATCTTTTGTATGATGATGCTATCTGTAACCTTAAGATAGGGGTGACCTGCAA 1920
QY 1932 TATGCTGATCTCTGCTGTGTGACAAACACATGATGTAAGAGTAAGAAAATGTAAAT 1991
Db 1921 TATGATTAATCTCGTGCTGCGCCAAACACATGATGTAAGAGTAAGAAAATGTAAAT 1980
QY 1992 TCACAAAATTCAGTAACACACACAAATCAATGAGCATTTCTATGACATTTAGCTTTATG 2051
Db 1981 TCACAAAATTCAGTAACACACACAAATCAATGAGCATTTCTATGAGATTTAGCTTTATG 2040
QY 2052 AGTAACATATATATTTTCTTTTCAATTAATAAGCCCTCTACATCCAGCATTCAC 2111
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QY 2112 TGATCTCAGACATGAATTTGTAATAATGACGATAGGGCATTTACATGAAATAGTTTGC 2171
Db 2101 TGATCTCAGACATGAATTTGTAATAATGATGATGATGATGATTTGTAAGAAAGTTTGC 2160
QY 2172 TATATTTCCACATACCTCATCTAGATGTATAGCTTACATTTCTGCTACCTTAACTGA 2231
Db 2161 TATATTTCCATAGACCTCATCTAGATGTATAGCTTACATTTCTGCTACCTTAACTGA 2220

QY 2232 CA-TTTTGTGTTCTTGATGATTAATAGACAGTCTTATTAATGTCCTCAAAATATA 2290
Db 2221 TACTTTTCTGTTCTTCTTGATGATTAATAAGACCTTCTCATGATTTGCCATTAATAACA 2280
QY 2291 AAGAAACT-GAAATTTTCTTACATAGAGAAATGTCATAAGATATTTCAAGTAAACAG 2349
Db 2281 AAGAAACTAATTTTCTTCTTCAATAGACACATGTCAGTAAGATATTTCAAGTAAACAG 2340
QY 2350 ATTATTTTCAAGTAAAGTAAATATGATGATTTGATTTTCTGATTTTAAAT 2409
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QY 2410 TTTAATGATGATGACT------GATTAATGCTTCTTT-AAAATGATGATAC 2462
Db 2400 TTTATTTGATGATGACTTAAAGAAATTTATATTTTATTTTAAATATGATGATAC 2459
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Db 2460 TCATAATCTTATCTTATATCAAAAGATATATTTACTGTAGAAAAATTAAGAGATGCT 2519
QY 2523 TGTTCGAAAGTAAAA 2538
Db 2520 TGTTCGAAAGTAAAA 2535

RESULT 3
US-09-962-678-1
; Sequence 1, Application US/09962678
; Patent No. US20020155499A1
; GENERAL INFORMATION:
; APPLICANT: Leiby, Kevin R.
; TITLE OF INVENTION: 32624, A NOVEL HUMAN UDP-GLUCURONOSYL
; FILE OF INVENTION: AND UDP-GLYCOSYL TRANSFERASE AND USES THEREOF
; FILE REFERENCE: 10448-094001
; CURRENT FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: 60/235,044
; PRIOR FILING DATE: 2000-09-25
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 3006
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (33)...(1613)
US-09-962-678-1

Query Match 83.7%; Score 2309.6; DB 9; Length 3006;
Best Local Similarity 96.2%; Pred. No. 0;
Matches 2431; Conservative 0; Mismatches 84; Indels 11; Gaps 6;

QY 23 GAGGGAAGTCCATCATGAGTGTGACAAAGTCAAGCTTTGATTTCTGCTCGCAGCTC 82
Db 18 GAGGGAAGTCCATCATGAGTGTGACAAAGTCAAGCTTTGATTTCTGCTCGCAGCTC 77
QY 83 TTCTGTGTTGCTGTGATTTCTGTGGAAAGTCTGTGTGGCCCTGTGACATGAGCCAT 142
Db 78 TTCTGTGTTGCTGTGATTTCTGTGGAAAGTCTGTGTGGCCCTGTGACATGAGCCAT 137
QY 143 TGGCTTAATGTCAAGTCAATTTTACAAAGCTCATAGTGAAGGCCATGAGAGTAAACAGTA 202
Db 138 TGGCTTAATGTCAAGTCAATTTTACAAAGCTCATAGTGAAGGCCATGAGAGTAAACAGTA 197
QY 203 TTGACTCACTCAAGCTTCGTTAATTTGACTACAGAAAGCCCTTGCATTTGAAATTTGAG 262
Db 198 TTGACTCACTCAAGCTTCGTTAATTTGACTACAGAAAGCCCTTGCATTTGAAATTTGAG 257
QY 263 GTGTTCATATGCGCAGAGACAGAAAGAAATGAATATTTGTTGACCTAGCTCTG 322
Db 258 GTGTTCATATGCGCAGAGACAGAAAGAAATGAATATTTGTTGACCTAGCTCTG 317

QY 323 AATGCTCCAGGCTTATCAACCTGGCAATCAGTTATATAAATTAATGATTTTTTGT 382
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 Db 318 AATGCTTCOCAGGCTTATCAACCTGGCAATCAGTTATATAAATTAATGATTTTTTGT 377
 QY 383 GAAATAGAGGAACCTTAAAAATGATGTGAGAGCTTTATCTACATAGACGGCTTAG 442
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 Db 378 GAAATAGAGGAACCTTAAAAATGATGTGAGAGCTTTATCTACATAGACGGCTTAG 437
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 Db 438 AAGAGCTACAGAAACCAACTACGATGTATGCTTATAGACCTGTGATTCCTGTGA 497
 QY 503 GACCTGATGCTGATGCTTGCATGATCCCTTTGTGCTACACTTGAATTTCTGAGA 562
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 Db 498 GACCTGATGCTGATGCTTGCATGATCCCTTTGTGCTACACTTGAATTTCTGAGA 557
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 Db 618 ATGACAGACTACAGACAGAAATGACCTTCTGGAAGAGTAAAAAATTCATGCTTCA 677
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 Db 1098 CCCAGAAATATCTTCTGTGCTATCCCAAAACCAAGCTTTTATCACTCATGSGTGATG 1157
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 QY 1223 GATGACCTGTATACATAGCTACATGAGGCCAAAGAGACAGCTGTAGAAATTAACCTTC 1282
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 Db 1218 GATGACCTGTATACATAGCTACATGAGGCCAAAGAGACAGCTGTAGAAATTAACCTTC 1277
 QY 1283 AAAACTATGACACGAGAGATTTACTAGAGGCTTTGAGAACAGTCATTACCGATTCCTCT 1342
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 Db 1278 AAAACTATGACACGAGAGATTTACTAGAGGCTTTGAGAACAGTCATTACCGATTCCTCT 1337
 QY 1343 TATTAAGGAATGCTATGAGATTTATCAAGATTCACCATGATCAACCTGTAAAGCCCTTA 1402
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 Db 1338 TATTAAGGAATGCTATGAGATTTATCAAGATTCACCATGATCAACCTGTAAAGCCCTTA 1397

QY 1403 GATGACAGACTTCTTGATTCAGATTTGTATGCGCCACAAAGAGCAAGCACTGCGA 1462
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 Db 1398 GATGACAGACTTCTTGATTCAGATTTGTATGCGCCACAAAGAGCAAGCACTGCGA 1457
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 Db 1518 CTGACCTGTGGAACCTGCTATATCTTGTTCACAAAAGTTTATTTCTGTCGCA 1577
 QY 1583 AATTTATTAACCTAGAAAGATGAAAGAGGAATAGATCTTCCAAATTCAGAAG 1642
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 Db 1698 TTCATATATCTATTTCTGTATTTATCTAGCTATATAGCTAGATTCATGATGATG 1757
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 Db 1758 AGGTGTGATATATCTATCTTCTGTCGATTTTCTAGGTGCTTACTCTTCTC 1817
 QY 1823 TCACCTTGTGACAAAGACATGATATCATTAATTTCCATTTCCATGATACCTGTT 1882
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 Db 1818 TCACCTTGTGACAAAGACATGATATCATTAATTTCCATTTTCCATGATACCTGTT 1877
 QY 1883 TCCATGCGCTATCTTCTTACCTTAAGTATAGGTTGACCTGCAATATGCTGATTC 1942
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 Db 1878 TCCATGCGCTATCTTCTTACCTTAAGTATAGGTTGACCTGCAATATGCTGATTC 1937
 QY 1943 CTGCTGTGTCACAAACACATGATGATTAAGAAAGTAAAGTAAATTCACAAATTC 2002
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 Db 1938 CTGCTGTGTCACAAACACATGATGATTAAGAAAGTAAAGTAAATTCACAAATTC 1997
 QY 2003 AGTAAACACACAAATCATGAAGCATTTATGACATTAAGCTTTATGATGATGAT 2062
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 Db 1998 AGTAAACACACAAATCATGAAGCATTTATGACATTAAGCTTTATGATGATGAT 2057
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 Db 2058 GATTTTCTTTTCAATTTAATTAAGCCCTTCTACATACCACATAGCATCTAGAC 2117
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 Db 2118 AATGAATTCATAAATGAGATAGGCAATTAACCTGAGATAGTTGCTATATTTCCAC 2177
 QY 2183 ATACCTCATCTAGATGTCATAGCTTACATTTTCTGCCATCTTACCTAGACGATA 2241
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 Db 2298 TTTTTCACATAGAGACATGTCAGTAAGATTAATTAATTAATTAATTAATTAAT 2357
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 Db 2358 GATTAAGTACCTTTGAGAAATATGATGATTAATTTCTGATTTATTAATTAATTAAT 2416
 QY 2420 AGTACACTT-----GATTTAATGCTATTTCTTT-AAAATGATGATATCTATATCT 2472
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 Db 2417 AGTACACTTAAAGAAATTTATATGTTTATTTCTTTAAAAATGATGAATCATATCT 2476
 QY 2473 TATCTATATATCAAAAGTATATATTTACTGTGAAAAAATTAAGAGATGCTTGTGAAA 2532

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Db 2477 TATCTATAATCAAAAGATATAATTACTGTAGAAAAATAAGAGATGCTGTCTGAAA 2536
QY 2533 GTAAAA 2538
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Db 2537 GTAGA 2542

RESULT 4
US-09-981-353-165
; Sequence 165, Application US/09981353
; Patent No. US20020160382A1
; GENERAL INFORMATION:
; APPLICANT: Iasek, Amy W.
; APPLICANT: Jones, David A.
; TITLE OF INVENTION: GENES EXPRESSED IN COLON CANCER
; FILE REFERENCE: PA-0038 US
; CURRENT APPLICATION NUMBER: US/09/981,353
; NUMBER OF SEQ ID NOS: 194
; SOFTWARE: PERL Program
; SEQ ID NO: 165
; LENGTH: 1636
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; OTHER INFORMATION: Incyte ID No. US20020160382A1 2434655CB1
US-09-981-353-165

Query Match 59.3%; Score 1636; DB 9; Length 1636;
Best Local Similarity 100.0%; Pred. No. 8.2e-313;
Matches 1636; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 GATCAGTGTGTGAGGAGACTGCCATCATAGAGTCTGACAAATCAGCTTGGTATTTCTGC 60
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Db 61 TCCTGAGCTCTTCTGTGTGGCTGTGATCTGTGGGAAAGCCCTGGTGGCCCTGTG 120
QY 132 ACATGAGCATTGGCTTAAATGTCAAGCTATTCTAGAAAGCTCATAGTGAAGGCCATG 191
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Db 121 ACATGAGCATTGGCTTAAATGTCAAGCTATTCTAGAAAGCTCATAGTGAAGGCCATG 180
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Db 241 TGAATTTGAGGAGTCCATATGCCACAGAGACAGAAAGAAATGAATATTTGTTG 300
QY 312 ACCTAGCTGTGAATGTCTTGCAGAGCTTATCAACCTGGCAATCAGTTATTAATTAATG 371
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Db 301 ACCTAGCTGTGAATGTCTTGCAGAGCTTATCAACCTGGCAATCAGTTATTAATTAATG 360
QY 372 ATTTTGTGTGAATTAAGAGAACTTTAAAAATGATGTGTGAGAGCTTTATCTACAAATC 431
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Db 1081 ATGATTTGATACCCCAAGATATCTTTGGTCAATCCCAAAACAAAGCTTTTATCAGTC 1140
QY 1152 ATGATGGAATGAATGGGATCTATGAAGCTATTACATGGGGTCCCTATGGTGGAGTTTC 1211
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Db 1141 ATGATGGAATGAATGGGATCTATGAAGCTATTACATGGGGTCCCTATGGTGGAGTTTC 1200
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Db 1201 CCATATTTGTGATCAGCTTGTATACATAGCTACATGAAAGCCCAAGAGAGCAGCTGTAG 1260
QY 1272 AAATTAACCTTCAAACTATGACAAAGCAAGATTTACTGAGGCTTTGAGAACAGTCATTA 1331
|||
Db 1261 AAATTAACCTTCAAACTATGACAAAGCAAGATTTACTGAGGCTTTGAGAACAGTCATTA 1320
QY 1332 CCGATTTCCTTATTAAGGAATGCTATGAGATTTATCAAGAAATTCACCATGATCAACCTG 1391
|||
Db 1321 CCGATTTCCTTATTAAGGAATGCTATGAGATTTATCAAGAAATTCACCATGATCAACCTG 1380
QY 1392 TAAAGCCCTTAGATGAGCAGCTTCTGGATCGAGTTTGTCAATGCGCCCAAAAGAGCA 1451
|||
Db 1381 TAAAGCCCTTAGATGAGCAGCTTCTGGATCGAGTTTGTCAATGCGCCCAAAAGAGCA 1440
QY 1452 AGCAGCTGCGATCAGCTGCGCCATGACCTCAGCTGTTCCAGCAGTACTCTATATATGTA 1511
|||
Db 1441 AGCAGCTGCGATCAGCTGCGCCATGACCTCAGCTGTTCCAGCAGTACTCTATATATGTA 1500
QY 1512 TTGGGTTCTGCTGAGACCTGTGGCAAGCTATATCTGTTGTCACAAAATTTTCTTAT 1571
|||
Db 1501 TTGGGTTCTGCTGAGACCTGTGGCAAGCTATATCTGTTGTCACAAAATTTTCTTAT 1560
QY 1572 TTTCCCTCAAAAAATTTAATAAACTAGAAAGATAGAAAGAGGGAATAGATCTTCCAA 1631
|||
Db 1561 TTTCCCTCAAAAAATTTAATAAACTAGAAAGATAGAAAGAGGGAATAGATCTTCCAA 1620
QY 1632 ATTCAGAAAAAGCTTG 1647
|||
Db 1621 ATTCAGAAAAAGCTTG 1636
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RESULT 5
US-09-962-678-3
; Sequence 3, Application US/09962678
; Patent No. US20020155499A1
; GENERAL INFORMATION:
; APPLICANT: Leibny, Kevin R.
; TITLE OF INVENTION: 32624, A NOVEL HUMAN UDP-GLUCURONOSYL
; FILE OF INVENTION: AND UDP-GLUCOSYL TRANSFERASE AND USES THEREOF
; FILE REFERENCE: 10448-094001
; CURRENT APPLICATION NUMBER: US/09/962,678
; CURRENT FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: 60/235,044
; PRIOR FILING DATE: 2000-09-25
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 1584
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-962-678-3

Query Match      57.4%; Score 1582.4; DB 9; Length 1584;
Best Local Similarity 99.9%; Pred. No. 2.0e-302;
Matches 1583; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 38 ATGAGGTCTGACAAAGTCAAGCTTTGGTATTTCTGCTCCTGACAGCTCTTCTGTGTGGCTGT 97
DB 1 ATGAGGTCTGACAAAGTCAAGCTTTGGTATTTCTGCTCCTGACAGCTCTTCTGTGTGGCTGT 60
QY 98 GGATTCCTGTGGAAAGTCCCTGTGTGGCCCTGTGACATGACAGCCAGTCAATGCTCAAG 157
DB 61 GGATTCCTGTGGAAAGTCCCTGTGTGGCCCTGTGACATGACAGCCAGTCAATGCTCAAG 120
QY 158 GTTCATTCTAGAGAGCTCTAGTGTAGAGAGCCATGAGTAAAGTATGACTCACTCAAG 217
DB 121 GTTCATTCTAGAGAGCTCTAGTGTAGAGAGCCATGAGTAAAGTATGACTCACTCAAG 180
QY 218 CCTTCCTTAATGACTACAGAGCCCTGTGCTGATTTGAATTTGAGGTGCTCCATATGCA 277
DB 181 CCTTCCTTAATGACTACAGAGCCCTGTGCTGATTTGAATTTGAGGTGCTCCATATGCA 240
QY 278 CAGGACAGAAACAGAAAGAAATATTTGTTGACCTGCTCTGATGCTTCCAGGC 337
DB 241 CAGGACAGAAACAGAAAGAAATATTTGTTGACCTGCTCTGATGCTTCCAGGC 300
QY 338 TTATCAACCTGGCAATCAGTTTAAATTAATGATTTTGTGAAATTAAGAGACT 397
DB 301 TTATCAACCTGGCAATCAGTTTAAATTAATGATTTTGTGAAATTAAGAGACT 360
QY 398 TTAATAATGATGTGTAGAGCTTTATCTACAAATCAGAGCTTATGAAAGCTACAGAA 457
DB 361 TTAATAATGATGTGTAGAGCTTTATCTACAAATCAGAGCTTATGAAAGCTACAGAA 420
QY 458 ACCAATCAGATGTAATGCTTTATAGACCCGTGATTCCTGTGAGAACCTGATGCTGAG 517
DB 421 ACCAATCAGATGTAATGCTTTATAGACCCGTGATTCCTGTGAGAACCTGATGCTGAG 480
QY 518 TTGCTTGACAGTCCCTTTTGTGCTACACTTAAATTTCTGTAGAGGCAATATGAGGCA 577
DB 481 TTGCTTGACAGTCCCTTTTGTGCTACACTTAAATTTCTGTAGAGGCAATATGAGGCA 540
QY 578 AGCTGTGGGAAACTTCAGCTCCACTTCTATGTAAGCTTGTGCTATGACAGACTAACA 637
DB 541 AGCTGTGGGAAACTTCAGCTCCACTTCTATGTAAGCTTGTGCTATGACAGACTAACA 600
QY 638 GACAGAAATGACCTTTCTGAAAGAGTAAAAATTAATCAATGCTTTCAGTTTGTCCACTTC 697
DB 601 GACAGAAATGACCTTTCTGAAAGAGTAAAAATTAATCAATGCTTTCAGTTTGTCCACTTC 660
QY 698 TGGATTACGATTTACGACTATCATTTTGGAGAGATTTAATAGTAGGCAATGAGAG 757
DB 661 TGGATTACGATTTACGACTATCATTTTGGAGAGATTTAATAGTAGGCAATGAGAG 720

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QY 758 CCCACTACATTATGTGAGACTGTGGGAAAGAGCTGAGATGCTATATGACATATTTGG 817
DB 721 CCCACTACATTATGTGAGACTGTGGGAAAGAGCTGAGATGCTATATGACATATTTGG 780
QY 818 GATTTGAAATTTCCCAACCACTATACCACTTGTGATTTGTTGAGAGATTCAGCTGT 877
DB 781 GATTTGAAATTTCCCAACCACTATACCACTTGTGATTTGTTGAGAGATTCAGCTGT 840
QY 878 AAACCTGCCAAAGCTTTGCTTATAGGAAATTTGTCGAGAGTTCAGGGGAAAGAT 937
DB 841 AAACCTGCCAAAGCTTTGCTTATAGGAAATTTGTCGAGAGTTCAGGGGAAAGAT 900
QY 938 GGTATTTGCTGTTTCTGCTGAGGCTGCTGATTTGCTGATTTGCTGATTTGCTGAT 997
DB 901 GGTATTTGCTGTTTCTGCTGAGGCTGCTGATTTGCTGATTTGCTGATTTGCTGAT 960
QY 998 ATCATTTGCTTCAAGCCCTTGGCCAGATCCACAGAGGTTATGAGAGTACAAAGAAA 1057
DB 961 ATCATTTGCTTCAAGCCCTTGGCCAGATCCACAGAGGTTATGAGAGTACAAAGAAA 1020
QY 1058 AAACATTCACATTTAGAGACCAATCTGCTGATGATTTGATTTGATTTGATTTGAT 1117
DB 1021 AAACATTCACATTTAGAGACCAATCTGCTGATGATTTGATTTGATTTGATTTGAT 1080
QY 1118 CTTGGTCATCCCAAAACCAAGCTTTTATCAGTATGATGATGATGATGATGATGAT 1177
DB 1081 CTTGGTCATCCCAAAACCAAGCTTTTATCAGTATGATGATGATGATGATGATGAT 1140
QY 1178 GCTATTTACCATGGGCTCCCTATGATGAGAGTTCCTATTTGATTTGATTTGATTT 1237
DB 1141 GCTATTTACCATGGGCTCCCTATGATGAGAGTTCCTATTTGATTTGATTTGATTT 1200
QY 1238 ATAGCTCAGATGAGAGGCAAGAGAGAGAGCTGTGAATTAATCTCAAACTATGACAG 1297
DB 1201 ATAGCTCAGATGAGAGGCAAGAGAGAGAGAGCTGTGAATTAATCTCAAACTATGACAG 1260
QY 1298 GAAGATTACTGAGAGGCTTTGAGAAAGTATACCATTTCCCTTATTAAGAGATGCT 1357
DB 1261 GAAGATTACTGAGAGGCTTTGAGAAAGTATACCATTTCCCTTATTAAGAGATGCT 1320
QY 1358 ATGAGATTATCAAAAGATTCACATGATCAACCTGTAAAGCCCTAGATGAGAGCTTTC 1417
DB 1321 ATGAGATTATCAAAAGATTCACATGATCAACCTGTAAAGCCCTAGATGAGAGCTTTC 1380
QY 1418 TGGATTCAGATTTGTCATGCGCCAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1477
DB 1381 TGGATTCAGATTTGTCATGCGCCAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1440
QY 1478 CTCACCTGCTTCAGAGACTACTATATGATGATGATGATGATGATGATGATGATG 1537
DB 1441 CTCACCTGCTTCAGAGACTACTATATGATGATGATGATGATGATGATGATGATG 1500
QY 1538 ACTGCTATATTCCTGTTCCAAAAATGTTTATTTTCTGCTCAAAATTTAATAAAT 1597
DB 1501 ACTGCTATATTCCTGTTCCAAAAATGTTTATTTTCTGCTCAAAATTTAATAAAT 1560
QY 1598 AGAAGATGAGAAAGAGGGAATAG 1621
DB 1561 AGAAGATGAGAAAGAGGGAATAG 1584

RESULT 6
US-09-981-353-83
; Sequence 83, Application US/09981353
; Patent No. US20020160382A1
; GENERAL INFORMATION:
; APPLICANT: Jones, David A.
; TITLE OF INVENTION: GENES EXPRESSED IN COLON CANCER
; FILE REFERENCE: PA-0038 US
; CURRENT APPLICATION NUMBER: US/09/981,353
; CURRENT FILING DATE: 2001-10-11

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; NUMBER OF SEQ ID NOS: 194
; SOFTWARE: PERL Program
; SEQ ID NO 83
; LENGTH: 1889
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020160382A1 255002.4
; NAME/KEY: unsure
; LOCATION: 232, 243-244
; OTHER INFORMATION: a, t, c, g, or other
; US-09-981-353-83
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Query Match          29.4% Score 810.4; DB 9: Length 1889;
Best Local Similarity 71.8%; Pred. No. 1.8e-150;
Matches 1106; Conservative 0; Mismatches 419; Indels 16; Gaps 3;
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QY 105 GTGGGAAGTCTGTGTGTCGACATGAGCCATTGGCTTAATGTCAGAGTCATTC 164
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DB 151 GTGGGAATGTTTGTGATTTGGCCAAATGGAAGATGTCATTGGCTAAATGTTAATTA 210
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
QY 165 TAGAAGCTCATAGTAGAGGCCATGAGTAACTATTGACTACTCAAGCCCTTCG 224
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 211 TAGATAGCTCTTAAAGAGGNCATTAATGCTGCTAGTTCCTGCTGTCGACTTT 270
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
QY 225 TATATGACACAGGAGCCCTGTCATTTGAATTTGAGTGGTGGCTATATGCCACAGACA 284
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 271 TCATCACACCAACCTTAAACCATCTCTGACATTTGAATTAATTAAGGTCCTTTGGCA 330
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
QY 285 GAACAGAGAAAATGAATATTTGTTGACCTAGCTGTAATGTCGCCAGGCTTATCAA 344
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 331 AAGAAGATAGAGAGATTAATTAAGACTTCGTTTGACATGCGTGGAATAATGACCAAT 390
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
QY 345 CCGGCAATCAGTTTAAATTAATGATTTTGTGTAATAGAGAACTTTAAATA 404
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 391 CTCCTTCAACATTTGGAATTTCTATCAGAGATGCGCAAGATTAACAAGACTTCACA 450
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
QY 405 T-----GATGTGAGAGCTTATCTACAAATCAGAGCTTATGAAGAACTCAC 452
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 451 TGTGTCTCAGAGATCTGTGATGGCGTTCTTAAACCAACAGCTGATGGCAAACTAA 510
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
QY 453 AGGAACAACATAGATGTAATGCTTATAGACCTGTGATCCCTGGAGACCTGATGG 512
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 511 AGAAAGCAAGTTTGAAGCTGTGCTGATGCATATTTCTCTGGGAGATATGTAAG 570
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
QY 513 CTGAGTGTCTGAGTCCCTTTTGTGCTACACATTAAGAAATTTCTGAGAGCAATATGG 572
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 571 CTTTAAACCTTGAATTTCCATTTATGTACTCTTGAGTTTCTCCAGCCTCAACAGTGG 630
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
QY 573 AGGGAAGCTGTGGGAACCTTCCAGCTCCACTTCCATATGCTGTGCTATGACAGGAC 632
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 631 AAAAGCATGTGGGAAGGTACATACCTCTTCTATGTCTGCTGTTTATCAGAAC 690
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
QY 633 TAACAGACGAATGACCTTCTGGAAGATTAATAATTAATGCTTCAAGTTTGTCTCC 692
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 691 TCACGACCAAAATGCTTTCACGACAGATAAGAAAT---TCATCTCTACACCTTAC 747
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
QY 693 ACTTCTGATTAAGATTAACGACTATCATTTTGGGAAGATTTATTAAGCATTAAG 752
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 748 AGGACTACATGTTTGAACCTCTTGGAAATCATGGGATTCATACATTAAGAACTTTAG 807
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
QY 753 GAAGGCCCATCATATATGTAGAGCTGTGGGAAGCTGAGATATGGCTAATACGAACAT 812
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 808 GAAGACCCCATGATATGTAGACTATGGGGAAGACCTAATAATTTGTTAATCCGAACAT 867
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
QY 813 ATTGGATTTTGAATTTCTCAACACATACCACTTAACCTTGAATTTGTTGAGATTCG 872
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 868 ATTGGATTTTGAATTTCTCTGCTCATACTTACCTAATTTTGTGTTGAGGATTCG 927
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
QY 873 ACTGTAACCTGCAAGCTTTGCTTAAGGAATGGAATAATTTTGTCCAGAGTTCAAGGG 932
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 928 ACTGCAAACTGCAAACTTACCTTAAGGAATGGAATAATTTTATCCAGAGCTCAGGTA 987
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QY 933 AAGATGATATGNGGTTTCTGTGGGGTCATGTTCAAAATGTTACAGAAAGAACG 992
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 988 AAAATGCTTTGTGTGTTTCTGTGGATCAATGTTCAAAACCTTACAGAAAGAACG 1047
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QY 993 CTAAATCATGCTTCAGCCCTTGGCCACAGATCCACAGAAAGTGTATAGAGTACAAAG 1052
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 1048 CCAATTTATTTGCTAGCGCTTGGCCACATTCACAGAGAGTTTATATGACATACAAAG 1107
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
QY 1053 GAAAAAACCATTCACATTAAGAGCCCAATATCTGCTGTATATGATATGCCAGAAATG 1112
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 1108 GAAAGAAACACACCATTAAGAAACAAATACATGCTCTTTATGATGGAATACCCAGAAATG 1167
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
QY 1113 ATCTTCTGATCCCAAAACCAAAAGCTTTATATCATCATGATGGTGAATGAGATCT 1172
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 1168 ATCTTTTGGACATCCCAAAACCAAAAGCTTTATATCATCATGATGGTGAATGAGATCT 1227
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
QY 1173 ATGAAGCTATTTACATAGGGGTCCTATATGTTGGAGATTCCTATATTTGTTGATCAGCTTGG 1232
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 1228 ACGAAGCTATTTACACAGGAGTCCTATATGTTGGAGATTCCTATATTTGTTGATCAGCTTGG 1287
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
QY 1233 ATACATAGCTACATGAAGGCCAAAGAGCAGCTGTAGAAATTAACCTTCAAAACTA-TG 1291
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 1288 ATACATTTGCTACATGAAGGCCAAAGAGCAGCTGTAGAAATTAACCTTCAAAACTAAGTG 1347
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
QY 1292 ACAAGGAGATTTTCTGAGGGCTTTGAGAACATGATACAGATTTACGATTTCTTATTAAGAG 1351
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 1348 ACAAGTGTGATTTGCTTATGAGCCCTTTGAGAACATGATTAAGATTTCTTATTAAGAG 1407
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
QY 1352 AATGCTATGATATTTACAGAAATTCACATGATCAACCTGTAAAGCCCTTATATGAGACA 1411
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 1408 AATGCTATGATATTTACAGAAATTCACATGATCAACCTGTAAAGCCCTTATATGAGACA 1467
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QY 1412 GTCTTGTGATGAGTTTGTATATGCGCCAAAGAGACCAAGACCTGCTGATCAGTCCG 1471
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 1468 GTCTTGTGATGAGTTTGTATATGCGCCCAAGAGGACCAACACTTGTGGTTCAGAGCC 1527
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
QY 1472 CATGACCTTACCTGGTTCAGACATCTATAGATGATGATGGTTCCTGCTGACAGCT 1531
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 1528 CATGACCTTACCTGGTTCAGACATCTTATGATGATGATGGTTCCTGCTGAGCTGT 1587
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
QY 1532 GTGGCAACTGCTATATTTCTGTTCACAAAATGTTTATTTTCCGTCAAAATTTTAAT 1591
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 1588 GTGACAAAGCGTATATTTTGTGCTATACAAATGTTGTTTCTCTGTCAAAATTTTGT 1647
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QY 1592 AAAACTGAAAGATGAAGAGGAGATATGATCTTCCAAA 1632
    ||||| | | | | | | | | | | | | | | | | | | | | | | | |
DB 1648 AAGATAGGAAGAGAAAAAGAGAAATGATGTCAGAAAAAA 1688
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RESULT 7
US-09-880-107-3292
; Sequence 3292, Application US/09880107
; Patent No. US20020142981A1
; GENERAL INFORMATION:
; APPLICANT: Horne, Darcl T.
; APPLICANT: Vockley, Joseph G.
; APPLICANT: Scherf, Iwe
; TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer
; FILE REFERENCE: 44921-5028-WO
; CURRENT APPLICATION NUMBER: US/09/880,107
; PRIOR APPLICATION NUMBER: US 60/211,379
; PRIOR FILING DATE: 2000-06-14
; PRIOR APPLICATION NUMBER: US 60/237,054
; PRIOR FILING DATE: 2000-10-02
; NUMBER OF SEQ ID NOS: 3950
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3292
; LENGTH: 2090
; TYPE: DNA
; ORGANISM: Homo sapiens
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; FEATURE:
; OTHER INFORMATION: Genbank Accession No. US20020142981A1 U08854
US-09-880-107-3292

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Query Match	28.3%	Score 782;	DB 10;	Length 2090;
Best Local Similarity	68.5%;	Pred. No. 7e-145;		
Matches 114;	Conservative	0;	Mismatches 500;	Indels 12; Gaps 2

Oy	35	ATCATGAGGCTGTGACAGTCAAGCTTTGGATATTTCTGTCTCTCGAGGCTCTTCTGCT---GCT	91
Db	16	ACCAGGATGTCCTCTAATAATGAGCGTCAGCTCTTTCTGTGTATGAGTCTGAGTGTACTTT	75
Oy	92	GGCTGTGAAATTCGTGGGGAAGGTCCTGGTGTGGCCCTGTGACATGAGCCATTGGCTAAT	151
Db	76	AGCTCTGGAAAGCTGTGGAAAGTGTCTAAGTGTGGCCACAGAAATACAGCCATTGGATTAAT	135
Oy	152	GTCACAGTCAATTCGTGAAGAGCTCATAGTAGAGGCCATGAGTAACTAGTATTTGACTCAC	211
Db	136	ATGAGACATCTCTGGAAGAGCTTGTTCAGAGGGGTGATGAGGTGACTGTGTGACATCT	195
Oy	212	TCAAGCCTTCGTTAATTGACTACAGGAAGCCTTCGATTTGAAATTTGAGGGTGCAT	271
Db	196	TCGGCTTCTACTCTGTCTCAATCCAGTAAATCATCTGTGTATTAATATAGAGTTTATCCT	255
Oy	272	ATGCC-----ACAGACAGAAACAGAAATAATGAAATATTTGTTGACCTAGCTCG	322
Db	256	ACATCTTTAACTAAAAATGATTTGGAAAGTTCTCTGTGAAAATTCGATAGATGATA	315
Oy	323	AATGCTTGGCAGGCTTATCAACCTGGCAATCAGTTATTAATAATGATTTTTTTGTT	382
Db	316	TATGCTTTCAAAAATACATTTTGGTCATATTTTTCACAAATTAAGAATGTGTGG	375
Oy	383	GAAATAGAGAACTTAAAAATGATGTGTGAGACTTTATCTCACTAGACGCTTATG	442
Db	376	GAAATTTATCTACCTACCTACACAGCTCTGTAAAGATGCAAGTTTGAATFAGAAACTTAG	435
Oy	443	AAGAGCTACAGAAACCAACTACGATGTATGCTTATAGACCTGTGATTCCTGTGA	502
Db	436	ATGAACTACAGAGTCAAAAGTTTGATGTGATTTGGCAGATGCCCTTAATCCCTGTGGT	495
Oy	503	GACCTGATGGCTGATTTGCTGCAGTCCCTTTTGTGTGCACACTTAAGATTTCTGTAGGA	562
Db	496	GAGCTACGCTGCACTATTTAACAATCCCTTGTCTGACGCTTCGATCTCTGTGGGC	555
Oy	563	GGCAATATGAGGCGCAACCTGGGAAACTCCAGCTCCCACTTCCATATGACCTGTGCT	622
Db	556	TACACATTTGGAAGAATGTGGAGAGATTTCTGTCCCTCCTCCTATGTACCTGTGTT	615
Oy	623	ATGACAGCACTACACGACAGATGACCTTTCGGAAAGATAAAAAATCAATCCTTTCA	682
Db	616	ATGTCAAGATTTAATGTATCAATGATTTTCATGAGAGATTAATAAATATATACATATG	675
Oy	683	CTTTTGTTCCTCTCTGGATTCAGATTTAGCATATCATTTTGGGAGAGTTTATAGT	742
Db	676	CTTTATTTTGACTTTTGGTTTCAATTTATGATCTGMAAGTGGACCACTTTTATAGT	735
Oy	743	AAGGATTAGGAAGGCCACACTACATTTATGAGACTGTGGAAAGCTGAGATATAGCTA	802
Db	736	GAACTTTAGGAAGACCACACTACTATTTTGTGACAAATGGGAAAGCTGAATGTGGCTC	795
Oy	803	ATACGACATATTTGGATTTTGAATTTCTCAACCATACCAACTTACTTGTGATTTGTT	862
Db	796	ATTCGACACTTATTTGGATTTTGAATTTCTCGCCCACTTCTTCAAAATGTTGATTTGTT	855
Oy	863	GGAGATTCACCTGTAAACCTGCCAAAGCTTTCGCAAGAAATGGAAATTTTTCAG	922
Db	856	GGAGGCTTCACTGTAAACCGCAAAACCCCTCCTTAAGGAATGGAAAGATTTGTGAG	915
Oy	923	AGTCAAGGGAAGATGATTTGTGTCTTTTCTGTGGGATCAGTCTTTCAAAATTTTACA	982
Db	916	AGCTCTGGAAATAATGATTTGTGTGTTTCTCTGTGGGTGCATGATACGTAACATGTCA	975
Oy	983	GAGGAAAGGCTAATATCATTTGCTTACGCCCTTGCCACAGATCCACAGAGTGTATTGG	1042

Db	976	GAA	AAAAGTCCCAACATGATGGATGAGCCCTTGGCCAGATCCCAACAAAAGTTTCAATGG	1035
Qy	1043	AGGTACAAAGGAAAAAACCATCCACATTGAGGCCAATTA	CTCGGCTGTATGATTGGATTA	1102
Db	1036	AGATTGATGGCAAGAGCCAAATACATTAGTGGTTCCAAT	CTCAGCTGCAAGTGGTTA	1095
Qy	1103	CCCCAAGATGATCTCTTGTCATCCCAAAACCAAGCTTT	ATTCACCTCAGTGGTAATG	1162
Db	1096	CCCCAGATGACCTCTTGCTGCTACCCAAAACCAAGCTTT	TAATACATGATGGGGAAC	1155
Qy	1163	AATGGGATCTATGAAGCTATTTCACATGSGGGTCCCT	ATGTTGGGAGTTCCCATTTTGGT	1222
Db	1156	AATGGCATCTATGAGGGGATCTACCATGGGATCCCT	ATGTTGGGCAATCCCTGTTGGG	1215
Qy	1223	GATCAGCTTGATTAACATAGTCCACATGAAGGCCAAAG	GACAGCTGTGAATAACTTC	1282
Db	1216	GATCAACATGATAACATTTGCTCACAATGMAAACCAAG	GAGACAGCCCTCAGTGGATCC	1275
Qy	1283	AAAACATATGACAAAGCAAGATTTACTGAGGGCTTTG	AGAACATGTCATTTACCGATTCCTCT	1342
Db	1276	AGGACCATGTCAATAGAGATTTGGTCACATGCAATG	GAATGAACTCATTTAAAGACCTGTCTC	1335
Qy	1343	TTTAAAGAGATGCTATGAGATTTATCAAGATTTACAG	AATTCACATGATCAACCTGTAAAGCCCTTA	1402
Db	1336	TATTAAGGAATGTCAATGAATTAATCAAGATTTCAAT	CAATGAGCAACCAATGAAGCCCTGTG	1395
Qy	1403	GATGAGCAGCTCTCTTGATCGAGTTTGCTATGTCGCG	CAACAAAGAGCCCAACACACTCGTGG	1462
Db	1396	GATCAGCAGCAAGCTCTCTGATTTGAATTTGTATGAT	CGSCACAAAGAGGACCAAGACCTTCG	1455
Qy	1463	TCAGCGCCCATGACCTACCTCGGTTCCACACACTACT	CTCATATGATGTGATTTGGGTTCTGT	1522
Db	1456	GTGCGCAGCTCAACAACTCACTCACTGATCCAGTAC	CACTCTTTGGATGTGATGACATTTCTGT	1515
Qy	1523	CTGACCTGTGTGGCACTGCTATATTTCTTGTCACAA	AAATGTTTTTATTTATTTCCGTGCA	1582
Db	1516	CTGGCCTGTGGTGCAACTGTATATTTATCAACAATA	TTTTTGGCTGTTTGTTCGGA	1575
Qy	1583	AAATTTAAATAAAGATAGATAAGAAAGAGGAATAGA	TCTTTCCCAATTCAAAGAAAG	1642
Db	1576	AACTTGCCAAAGACAGAAAGAGAAAGAAAGATAGT	ATATATCAAAAGCCTGAAGTGTG	1635
Qy	1643	ACCTGA	1648	
Db	1636	GAATGA	1641	

```

RESULT 8
US-09-880-107-3286
; Sequence 3286, Application US/09880107
; Patent No. US20020142981A1
GENERAL INFORMATION:
APPLICANT: Horne, Darci T.
APPLICANT: Vockley, Joseph G.
APPLICANT: Schertl, Uwe
APPLICANT: Gene Logic, Inc.
TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer
FILE REFERENCE: 44921-5028-WO
CURRENT APPLICATION NUMBER: US/09/880,107
CURRENT FILING DATE: 2001-06-14
PRIOR APPLICATION NUMBER: US 60/211,379
PRIOR FILING DATE: 2000-06-14
PRIOR APPLICATION NUMBER: US 60/237,054
PRIOR FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 3950
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3286
LENGTH: 2123
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Genbank Accession No. US20020142981A1 U06641

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QY	62	GTATTTCTGCGCCGACAGCTCTTCTG --- GTTGCGTGGAGATTCCTGCGAAATCTCG 118
Db	1	GTTCTTCTGCTGATACAGCTCACTTGTACTTAACTGCTCTGGAAAGCTGTGGAAAGGTGCTA 60
QY	119	GTTGCGCCCTGTGCATGAGCCACTTGGCTTAAATGTCAGAGCTCATTTAGAGAGCTCATTA 178
Db	61	GTGCGCCACAGAAATACACCACTTGGATTAATATGAAACAACTCTGGAAAGCTTGT 120
QY	179	GTTGAGAGGCATAGGATTAAGATATGACTCACTCAAAAGCTTGGTAATGACTACAGG 238
Db	121	CAGAGGGGTATAGAGGTGACTGTGGACACTTCCGGCTTCATCTGTGCATAGCCAGT 180
QY	239	AAGCCTTCTGCATTTGAAATTTGAGGAGTGCATATGCC -----ACAGACAGAAC 289
Db	181	AAATCATCTGCTATTAATTAATGAAGTTTATCCACACTCTTTAACTAAAATATTATTGGAA 240
QY	290	GAGAAAAATGAATATTTGTTGACCTCTGAAATGTCTTGCCAGGCTTATCAACCTGG 349
Db	241	GATTCCTCTTGAAAAATTCCTCGATAGATGGATATATGATGTGTCAAAAATATCATTTGG 300
QY	350	CAATCATTTTAAATTAATTAATGATTTTTTTTGTGAATAAAGAGAACTTTAAAATGATG 409
Db	301	TCAATTTTTCACATTCACAGAAATGTGTGGGCAATATTAATGACTACAGTAACAAAGTC 360
QY	410	TGTGAGAGCTTTATCTCAATACAGAGCTTATGAAAGAGCTACAGAAACCAATCAGAT 469
Db	361	TGTAAAGATGCAAGTTTGAATTAAGAAACCTATGATTAACACTACAAAGAGCAAGATTGAT 420
QY	470	GTAATGCTTATAGACCTGTGATTCCTGTGGAGACCTGATGAGCTGATGCTTGCACGC 529
Db	421	GTCATTTCTCGAAGATCTGTGTTTCCCTGTGGAGACCTACTGTCAAGAGCTACTTAAACATA 480
QY	530	CCTTTGTGCTACACACTTAATAATTTCTGTAGAGAGCAATATGAGAGCAAGCTGTGGGAA 589
Db	481	CCCTTGTGTACAGGTCTGCCATCTCTCGGGCTACACAAATTGAGAGAAATGTTGAGGA 540
QY	590	CTTCCAGCTCCACTTTCTTATGTACTGTGCTATGACAGAGCACTAAACAGAGATGACC 649
Db	541	TTTCTGTCCCTCTCTTCCTATGTACCTGTGTTATGTACGAATTAATGATCAATGAT 600
QY	650	TTTCTGGAAGAGATTAATAATTTCAATGCTTTCACTTTGTCCACTTCTCGATTAGAGAT 709
Db	601	TTTCATGAGAGAGATTAATAATATGATACATATGCTTATTTTACCTTTTGGTTTCAAAAT 660
QY	710	TACAGCTATCATTTTGGAGAGATTTTATGTAAGCAATTTGAGAGAGGCCACTCATTA 769
Db	661	TATATCTGGAAGATGTGGACAGTTTATATGTAAGATTCTAGAGAGCCACTACATTA 720
QY	770	TGTGAGACTGTGGAAAAAGCTGAGATATGAGCTAATACGAACATATTTGGATTTTGAATTT 829
Db	721	TTTGAAGCAATGTGGGAAAGCTGAAATGTGGCTCATTTGCAACTATTTGGATTTGAATTT 780
QY	830	CCCTAACCATACCACTTACTTTGAGATTGTTGGAGAGTTGCACTGTAAACCTGCCAA 889
Db	781	CTTCGCCCATTTTACCAAAATGTGATTTTGTGTGGAGCTTCACTGTAAACCACTCCAAA 840
QY	890	GCTTTGCGCTAAGGAAATGAAATTTTGTGCAGAGTTCAGGGGAAGATGTTTGGTG 949
Db	841	CCCCCTGCTAAGGAATTTGGAAGATTTGTGACAGAGCTCTGGAGAAAATGTGTTTGTGGTG 900
QY	950	TTTTTCTGTGGGCTACTGTTTCAAAAATGTTACAGAGAAAAGGCTAATATCATTTGCTTTCA 1009
Db	901	TTTTTCTGTGGGCTGATGATCACTAATCATGTACGAAGAAAGTCCAAACATGATTCATCA 960
QY	1010	GCCCTTGCAGAGTCCACAGAGAGGTATATGAGAGTACAAAGGAAAAAAACATCCACA 1069
Db	961	GCCCTTGCAGAGTCCACAAAGGTTCTATGAGAGATTTGATGGGACAGAGCAATATCT 1020

Query Match	27.58;	Score 758;	DB 10;	Length 2093;
Best Local Similarity	68.48;	Pred. No. 3.7e-140;		
Matches 1097;	Conservative	0;	Mismatches 495;	Indels 12; Gaps 3;

Db 68 TAGCTGGGAATTGGAAAAGTGTGCTGTGGCAGCAGAAATACAGCCATTGGATGAA 127
 QY 151 TGTCAAGGTCATCTGTAGAGAGCTCATAGTGAAGCCATGAGTACAGTATTGACTCA 210
 Db 128 TATAAAGACATCTGGATGAGCTTATTCAGAGAGTCATGAGATACCTGTACGTGCATC 187
 QY 211 CTCAAAAGCCTTGTGTAATGACTACAGGAAAGCCTTGTGATGAAATTTGAGTGGTCCA 270
 Db 188 TTGAGCTTCATCTTTTGTGATCCCAACACTATCCGCTTTAAATATGAAATTTATTC 247
 QY 271 TATGCCACAGGACAGACAGAAAGAAATATTTGTTGACCTAGCTCTGA-----A 324
 Db 248 CACATCTTTTAACTAAACATGAGTTGGAGATTTTATCATCATCAACAGATTAAAGAGATGTC 307
 QY 325 TGTCTTGCCAGGCTTATCAACCTGGCATCAGTATTAATAATTAATGATTTTGTGTGA 384
 Db 308 AGACCTTCCAAAAGATACATTTTGGTATATTTTTCACAAAGTACAGAAATTCATGTCAT 367
 QY 385 AATAAGAGAACTTTAAATATGATGTGAGAGCTTTATCTACATCAGAGCTTATGAA 444
 Db 368 ATTTGGTGCATTAAGTAAAGTTCTGTAAAGATGTATGTTCAATTAAGAAATTTATGAA 427
 QY 445 GAAGCTACAGAAACCACTACGATGTATGTATAGACCCGTGATTCCTGTGGAGA 504
 Db 428 AAAAGTACAAGATCAAGATTTGACGTCATTTTGCAGATGCTATTTTCCGTAGTGA 487
 QY 505 CCTGATGGCTGAGTGTCTGCACTCCCTTTTGTGCTCACCTTGAATTTCTGTAGAGG 564
 Db 488 GCTGCTGGCTGAGCTATTTAAACATACCTTTGTGTACAGTCAAGCTCTCTCTGGCTA 547
 QY 565 CAATATGAGCGAAGCTGTGGAAACCTTCCAGCTTCCATGATCCGTGGCTAT 624
 Db 548 CACTTTTGAAGACATAGTGGAGATTTATTTCCCTCTCTCTAGCTACCTTTGTAT 607
 QY 625 GACAGACTACAGACAGATGACCTTCTGGAAGAGTAAATAATTCATGCTTTCAGT 684
 Db 608 GTGAGATTAATGATCAATGACTTTTCAATGAGAGGGTAAATAATATGATGTATGCT 667
 QY 685 TTTGTTCCACTTGTGATTCAGATTAACGATCTCATTTTGGGAAGATTTTATATGTA 744
 Db 668 TTACTTTGACTTTTGGTGTGAAATATTTGACAGAAAGTGGGATCAGTTTATATGTGA 727
 QY 745 GGCATTAGGAAGGCCACTATATGATGAGCTGTGGAAAGTGAATGAGTATGCTAT 804
 Db 728 AGTTCTAGGAAGGCCACTATGATCTATCTGAGACATGGGAAAGCTGACGTATGCTTAT 787
 QY 805 ACGAATATTTGGATTTGGAATTTCTCAACCATACCAACTTACCTTGTGATTTGTTGG 864
 Db 788 TCGAACTCTCGAATTTTCAATTTCTCATCACTTCAATCAATGTTGATTTGTGG 847
 QY 865 AGGATTGCATGTAACCTGCCAAAGCTTGTCTTAAGAAATGGAATTTTGTCCAGAG 924
 Db 848 AGGACTCTGTAACCTGCCAAAGCTTGTCTTAAGAAATGGAATTTTGTCTTACAGAG 907
 QY 925 TTCAGGGAAGATGATTTGTTGTTTCTGTTGGGCTGACCTTTTCAAAATGTTACAG 984
 Db 908 CTCTGAGAAATATGTTGTGTGTGTTTCTGTGGGCTCAATGTGATGATGATGAG 967
 QY 985 AGAAAAGCTAATATATGCTTCAAGCCCTTGGCCAGATCCCAAGAGGTGTTATGAG 1044
 Db 968 AGAAAGGCGCAAGTATGATGATGACCCCTGGCCAGATCCCAAAAGTTGTGGAG 1027
 QY 1045 GTACAAAGGAAAAACCATCCATTTAGAGGCAATACTCGGCTGTATGATTTGATACC 1104
 Db 1028 ATTTGATGGAAATTAACAGATACCTTAGGTCTCAATACCTCGCTATTAAGGATACC 1087
 QY 1105 CCAGATGATCTTCTGTGATCTCCAAAACCAAGCTTTTATGATCAGTGGGATGAA 1164
 Db 1088 CCAGATGATCTTCTGTGATCTCCAAAACCAAGCTTTTATATGATCAGTGGGATGAA 1147
 QY 1165 TGGGATCTATGAAGCTATTTACCATGGGCTCCCTATGTTGGAGTTCCCATTTTGTGTA 1224
 Db 1148 TGGCATCTACGAGCAATCTACCATGGGATCCCTATGTTGGGATTTCCATTTGTTGCCGA 1207

QY 1225 TCAGCTTGATACATAGCTCACAATGAGCCAAAGACGAGCTGTAGAAATTAACCTCAA 1284
 Db 1208 TCACCTGATTAACATTTGCTCACATGAGAGCCAGGAGGACGCTGTATGATGAGCTTCAA 1267
 QY 1285 AACTATGACAAGGAGATTTACTGAGGGCTTGTAGAACGTCATTACGATTCCTTAA 1344
 Db 1268 CACATGTGAGTACAGACTTGTGATGATGATGATGATGATGATGATGATGATGATGAT 1327
 QY 1345 TAAAGAAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1404
 Db 1328 TAAAGAAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1387
 QY 1405 TCGAGAGTCTTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1464
 Db 1388 TCGAGAGTCTTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1447
 QY 1465 AGCTGCCATGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCT 1524
 Db 1448 TCGAGCCGACGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCT 1507
 QY 1525 GACCTGTGTGCACTGATATATTTCTTGTTCACAAATGTTTTTATTTCTGTGCAAA 1584
 Db 1508 GGTGTGTGTGCACTGATATATTTCTTGTTCACAAATGTTTTTATTTCTGTGCAAA 1567
 QY 1585 ATTTAATAAATAGAAAGATGAGGAGGATGATGATGATGATGATGATGATGATGATGAT 1628
 Db 1568 GTTGTGTGTGAGAAAGCAAGAAAGGAAATGATGATGATGATGATGATGATGATGATGAT 1611

RESULT 11
 US-09-981-353-193
 ; Sequence 193, Application US/09981353
 ; Patent No. US20020160382A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Lasek, Amy W.
 ; TITLE OF INVENTION: GENES EXPRESSED IN COLON CANCER
 ; FILE REFERENCE: PA-0038 US
 ; CURRENT APPLICATION NUMBER: US/09/981,353
 ; CURRENT FILING DATE: 2001-10-11
 ; NUMBER OF SEQ ID NOS: 194
 ; SOFTWARE: PERL Program
 ; SEQ ID NO 193
 ; LENGTH: 1714
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc.feature
 ; OTHER INFORMATION: Incyte ID No. US20020160382A1 088078CBI
 US-09-981-353-193

Query Match 27.3%; Score 753.2; DB 9; Length 1714;
 Best Local Similarity 67.8%; Pred. No. 38-139;
 Matches 1087; Conservative 0; Mismatches 508; Indels 9; Gaps 2;

QY 34 CATCATGAGGTGTGACAGTCACTTGTGATTTCTGCTCTGCACT---CTTCTGTGT 90
 Db 25 CACACAGAGTGTGTGAAATGACCTTCACTAATTTTGTGTAATCACTGAGCTTTGCTT 84
 QY 91 TGGCTGTGATTTCTGTGGAAGTCTCTGTGTGCGCCCTGTGACATAGCCATTTGGCTTA 150
 Db 85 TAGCTGTGGAATTTGTGGAAGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 144
 QY 151 TGTCAAGTCACTTCTGGAAGAGCTCATAGTGAAGGCCATAGAGTAAATTTGATGCTCA 210
 Db 145 TATAAAGACATCTGTGATGAGCTTATTCAGAGAGTCAATGAGTACGTACTGTGCAATC 204
 QY 211 CTCAAAAGCCTTGTGTAATGACTACAGAAAGCTTCTGCAATGAAATTTGAGTGGTCA 270
 Db 205 TTCAGCTTCATTTCTTTGATATCCCAACATCACTACCTCTTAAATTTGAAATTTATCC 264
 QY 271 TATGCCACAGGACAGAACAGAAATAATATTTTGTGACCTAGTCTGA-----A 324

QY	383	GAATTAAGAGAACTTTAAAAATGATGTGTGAGAGCTTTATCTACAAATCAAGACGTTATG	442
Db	406	GAATATTTCTACTATATATATATATAAAGCTCTGTGAAGATGACGTTTTGAAACAAAGAACTTTATG	465
QY	443	AAGAGCTACAGAGAAACCACTACGATGTAAAGCTATATAGACCTCTGTATCCCTGTGA	502
Db	466	AGAAACTACAAAGATCAAAAATTTGATGTCTCTGTGGCAGATGCCGTTATATCTCTGTGT	525
QY	503	GACCTGATGGCTGAGTTGCTTGTGACGTCCCTTTGTGCTCACATTAGAATTTCTGTAGA	562
Db	526	GAGCTGTGGCTGAACACTTAACTAACATACCTTTCTGTACAGTCTCCGCTGCTGTGGC	585
QY	563	GGCAATTTGAGAGGGAAGCTGTGGGAACTTCCAGCTCCACTTTCTATATGACTGTGCT	622
Db	586	TACACACTTGAAGAGATGGTGGAGGATTTCTGTCCCTCTCTCTATGTACCTGTGT	645
QY	623	ATGACAGACTTAACAGACAGATGACCTTTCTGGAAAGGTAAAAATTCATGCTTTCA	682
Db	646	ATGTCAGCAATTTAAGTGTATCAATGATTTTTCATGTAGAGAGATTAATAATATGATATATG	705
QY	683	GTTTTGTTCACCTTCTGTGATTCAGATTTACGATATCAATTTTGGGAAGAGTTTATAGT	742
Db	706	CTTATTTTGACTTTGGTTGTTCACGATATGATCTGAGAAAGTGGACACGTTTATATGT	765
QY	743	AAGGCAATAGGAAGGCCCTACATATATGTAGACTGTGTGGAAAGCTGAGATATGCTA	802
Db	766	GAATTTCTAGGAAGACCCACTACATTTATTTGACATAGGGGAAAGCTGAATGTGGCTC	825
QY	803	ATACGAACATATTGGGATTTTGAATTTCCCAACCATTACCACTACACTTATGAGTTGTT	862
Db	826	ATTGGAACCTATTGGGATTTTGAATTTCTCGCCCACTTTACCAAAATGTGATTTGTT	885
QY	863	GGAGGATTTGCACTGTAAACCTGCCAAAGCTTTGCCTAAGGAATGGAAATTTGTCCAG	922
Db	886	GGAGAGCTTCACTGTAAACAGCCAAACCTTGCTTAAGGAATGGAAAGAGTTGTGAG	945
QY	923	AGTTCAAGGGAATGATGTATGTGTGTGTTTCTGTGGGTCACTGTTTCAAAATGTTTACA	982
Db	946	AGCTCTGGAATAATGATGTATGTGTGTGTTTCTGTGGGTCACTATGCAATGACATGTCA	1005
QY	983	GAAGAAAGGCTATATATCATTTGCTTGAGCCCTTGCCCAATGCCACAGAGGTGTTATGG	1042
Db	1006	GAAGAAAGTGCACATGATGCT--CAGCCCTGCCAGATCCCAAAAGGTTCTATAGG	1063
QY	1043	AGGTACAAAGAAAAAACCATCCACATTAGAGAGCCAAATCTCGGCTGTATGATGTGATA	1102
Db	1064	AGATTTGATGGCAAGAACCAATTACTTTTAGTGTCCAAATCTCGACTGTACAAAGGTGTA	1123
QY	1103	CCCCAGATATCTTTCTGTGCTATCCCAAAACCAAGCTTTTATCATCTATGTGTGAATG	1162
Db	1124	CCCCAGATATCTTTCTGTGCTATCCCAAAACCAAGCTTTTATCATCTATGTGTGAATC	1183
QY	1163	AATGGATCTATACAGCTATTTTACATGGGGGTCCTATGSGTGGAGTCCCATATTTGCT	1222
Db	1184	AATGGATCTATATAGGCAATCTACATGGGAATCCCTATGTGTGGATTTCCCTGTGTTGCG	1243
QY	1223	GATCAGCTTGATTAACATAGCTCATGCAATGAAGGCGCAAAAGAGAGCTGTGAATAAATTC	1282
Db	1244	GATCAACATGATTAACATTTGCTCATGAAAGCAAGGAGGAGCGCCCTCAGTGTGACATC	1303
QY	1283	AAAACATGTACAAAGCAGATTTACTGAGGGCTTTGAGAACAGTCAATTAACGATTTCTCT	1342
Db	1304	AGGACCTCTCAAGTGTAGAGATTTGCTCATGTAGTAAGTACGTATTAATGACCCCTATC	1363
QY	1343	TATTAAGAGAAATCTATGAGATATATCAAAATTTCAACATGATCAACCTGTAAAGCCCTA	1402
Db	1364	TATTAAGAGAAATCTATGAGAAATTTATCAAAATTTCAATGATCAACACGGTGAAGCCCTG	1423
QY	1403	GATCAGCACTTTCTGTGATCGAATTTGTTCATGCGCCAAAGAGAGCCACACCTGTGGA	1462
Db	1424	GATGAGCACTTTCTGTGATGTAGTTGTTCATGTCCGCATTAAGAGAGCCACAGACCTTGG	1483
Y	1463	TCAGCTGCCATACCTCACTGGTTCCAGCACTACTTATGATGTGATTTGGTTCCGTG	1522

Db	1484	GTCCGAGGCCACCAACCTACCTGGATCCAGTACCACTTTGGATGTAAGCATTCCTG	1543
Oy	1523	CTGACCTGTGGGCAACTGCTATATCTTGTTCACAAATGTTTTATTTTCCGTCAA	1582
Db	1544	CTGGCTCCGGGGCAACTGATATATTTTGATCACAAATGTGCCCTTTGTTTCCGA	1603
Oy	1583	AAATTTAATAAAGTACAGAAAGTGAAGGAGGGAATGATCTTCCAAATTCAGGAAG	1642
Db	1604	AAGCTTGCCAAACAGGAAGAAGAAAGGATTTAGTTATATCAAAACCTCGAAATG	1663
Oy	1643	ACCTGA	1648
Db	1664	GAAATGA	1669

```

RESULT 13
US-09-981-353-189
: Sequence 189, Application US/09981353
: Patent No. US20020160382A1
: GENERAL INFORMATION:
: APPLICANT: Lasek, Amy W.
: TITLE OF INVENTION: GENES EXPRESSED IN COLON CANCER
: FILE REFERENCE: PA-0098 US
: CURRENT APPLICATION NUMBER: US/09/981,353
: CURRENT FILING DATE: 2001-10-11
: NUMBER OF SEQ ID NOS: 194
: SOFTWARE: PERL Program
: SEQ ID NO 189
: LENGTH: 1712
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: misc.feature
: OTHER INFORMATION: Incyte ID NO. US20020160382A1 480489.5
US-09-981-353-189

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Query Match	27.08;	Score 743.8;	DB 9;	Length 1712;
Best Local Similarity	67.88;	Pred. No. 2.1e-137;		
Matches 1088; Conservative	0;	Mismatches 507;	Indels 10;	Gaps 3;

OY	34	CATCATAGAGTCTGCACAGACGACCTTTGGTATTTTCTGCTCCGACGCTTCTGTG	---GT	90
		10		
Db	10	CACCGAGATACCTGTGAATGACCTTCATCTTCTGCTGATACATCTCAGTTGTACTT	69	
OY	91	TGGCTGTGATTTCTGTGGAGAAATCCTGCTGTGGCCCTGTGACATGACCATTGGCTTAA	150	
		70		
Db	70	TAGCTGTGGAGTTGTGGAAAATGCTGGTGTGTGGCCGAGAAATACACCATTTGATATCA	129	
OY	151	TGTCAGAGCTATTCTAGAAAGAGCTCATAGTGTGAGAGGCCATGAGGTTAACAGTTTGA	210	
		130		
Db	130	TATGAAACATCTGTAAAGAGCTTCTGTACAGAGAGCTCATGAGTGACCTGACCTGGCATC	189	
OY	211	CTCAAGACCTTCGTATTATGTACTACAGAGGACCTTGTGATGAAATTTGGAGTGTCA	270	
		190		
Db	190	TTTCAGCTTCATCTTTTGTATGCCAATGTGCAATCCACTCTTAAATTTGAAATTATTC	249	
OY	271	TATGCCACAGGACAGACAGAAAGAAATGAAATATTTTGTGACCTAGCTGCA	324	
		250		
Db	250	TACATCTTTTAACATAAAACGATTTGTAGAAATTCATCATGCACAGAGTTAAGAGATGCTC	309	
OY	325	TGCTTTGCCAGGCTTATCAACCTGGCAATCAGTTATAAATTAATGATTTTTTGTGGA	384	
		310		
Db	310	AGACATTCGAAAAGATGAGCTTTTGGTTATATTTTTCACAGAAGCAAGAAATCTGTGGGA	369	
OY	385	AATTAAGAGAACTTTAAAAATGATGTGTGAGAGCTTTATCTCAATCAGACGCTTATGAA	444	
		370		
Db	370	ATTATATGACATATTAGAAACTCTGTAAATAATGTAGTTTCATTAAGAAAGATTATGAA	429	
OY	445	GAAAGCTACAGAAACCAACTAGAGTGAATTAAGTCTTAAGACCCCTGTGATTCCTGTGGAGA	504	
		430		
	430	AAAACATCAAGAGTCAAGATTGTGACATCCTTTTTCAGACAGTGTCTTTTCCCTGTGGGA	489	

QY	505	CCGATGAGGCTGAAGTGGCTTGGACGTCCTTTTGCTCTACACCTTAAGAATTCGTGAGAG	564
Db	490	GCCTGCTGGCTGCGCTACTTAACATACGGTGTGTGTACAGTCTCCGCTTTACTCTGCTCA	549
QY	565	CAATATGAGCCAGAGCTGTGGGAAACTCTCCAGCTCCACTTTCATATGTAACCTGTGCTAT	624
Db	550	CACATTTGGAAGGCACAGTGGAGACTGATTTTCCCTCTCTCCATACATTAATCTATGTAT	609
QY	625	GACGAGACTTAACAGACAGATGACCTTTCTGGAAAGAGTAAAAATTCATAGCTTTCAGT	684
Db	610	GTCAAAATTAAGTATCAACAAATGACTTTCATGTGAGAGGGTAAATAATATGATCTATGCTC	669
QY	685	TTTGTTCACCTCTGCGATTCAGGATTAACAGATCATATTTTGGGAGAGTTTATAGTAA	744
Db	670	TTATTTTGCATTTTGGTTCCTAAATGTCTATATGGAAGAATGGGATCAGTTTACAGTGA	729
QY	745	GGCATTAGGAAGGCCCACTACATTATGTAGAGCTGTGGGAAAAGCTGAGATATGGCTAAT	804
Db	730	AGTTTATAGGAAGACCCACTACCTTATTTTATGACAAATGGGAAAAGCTGACATATGGCTAT	789
QY	805	ACGAACATATTGGATTTTGAATTTCTCAACCAATACCAACCTAATCTTGAGTTGTGG	864
Db	790	GGGAAACCTCGGAGTTTCAATTTCTCATTCATCTTTACCAAAAGTTGATTTGTGG	849
QY	865	AGGATTTGCACTGT-AAACCTGCCAAAGCTTTGGCTTAAGAAATGANAATTTTGTCCGA	923
Db	850	AGGATTTCCACTGCGCAACCTCCAAACCCCTACCTTAAGGAAATGGAGAGTTTGTACAGA	909
QY	924	GTTTCAGGGAGAGTGTATTTGTGGTGTCTCTGGGGGACCTGTTTCAAAATGTTCACG	983
Db	910	GCTCTGGAAAAATGCTGTGTGTGGTGTCTCTGGGGCTAGTGAATAGTAACTGACAG	969
QY	984	AAGAAAGGCTAATATCATTCCTCTCAGCCCTTGCCAGATCCCAAGAGGTGTATAGGA	1043
Db	970	CAGAAAGGCCAATGTATTTGTCAACAGCCCTTGCCAAAGATCCCAAAAGTTCTGTGGA	1029
QY	1044	GGTACAAAGAAAAAACCTTCACATTTAGAGGCAATACTGGCTGTATGTATGGATAC	1103
Db	1030	GATTTTACGGGAATTAACCAAGATGCTTAAGTCTCAATTACTCGGCTGTCAAGTGGATAC	1089
QY	1104	CCGAGATATCTTTGTGGTCAATCCCAAAACCAAGCTTTTATCACTCATGTGTGAATGA	1163
Db	1090	CCGAGATTAACCTTCTAGSTCAATCCAAAACCAAGCTTTTATTAATCACTGTGGAGCCA	1149
QY	1164	ATGGGATTAATGAAGCTATTTACATGGGGTCCCTAATGGGGGATCCCATATTTGGHG	1223
Db	1150	ATGGCATCTATGAGGCAATCTCCATGGGATCCCTATGAGGGCATTTCACTGTCTTTTG	1209
QY	1224	ATCGAGTTGATTAATCACTAGCTCAATGAAGGGCCAAAGGACAGCTGTAGAAATTAACCTCA	1287
Db	1210	ATCAACCTGATTAACATTTGCTCAATGAAAGGCCAAGGGGACAGCTGTATGTGACATCTCA	1265
QY	1284	AAACTATGACAAAGCAGAAATTTACTGAGGGCTTTGAGAAACGATTAACGATTTCCCTT	1344
Db	1270	ACACAATGTGAGTACAGACACTGCTGAAATGCACTGAACAGTAAATTAATGATCTTTAT	1322
QY	1344	ATTAAGAGAAATGCTATGAGATTAATCAAGAAATTCACATGATCAACACTGTAAAGCCCTGAG	1400
Db	1330	ATTAAGAGAAATTAATTAATTAATTAATCAAGAAATTCACATGATCAACAGTAAAGCCCTGAG	1387
QY	1404	ATCGAGCAGTCTTCTGATCGAATTTGTGATGCGCCCAACAAAGAGCCAGCAGCTGTGAGAT	1466
Db	1390	ATCGAGCAGTCTTCTGATTTGATTTGATTTGTCAATGCCCAACAAAGAGCCCAACCTGTGAG	1444
QY	1464	CAGCTGCCATGACCTCACTGCTGCACAGCACTACGCTATGATGATGATGATGGTTCTGTC	1522
Db	1450	TTGCGAGCCCAAGACCTCACTGCTGCACAGCACTCTTTGATGATGATGATGGTTCTGTC	1500
QY	1524	TGACCTGTGTGGCAACGTCTAATATCTGTGTCACAAATGTTTTTATTTTCTGTGCTAAA	1587
Db	1510	TGGCTGTGTGTCACATGTATTAATTAATCAACAAAGTTTGTGTGTTTTGTTTCTGGA	1566

OY	1564	AATTTAATAAACTAGAACAGTACGAAAAGGGGAATGACTTC	1628
Db	1570	AGTTTGCTAGAAAAAGGAGAAGAAAAACAGATTAGTAGTGC	1614
 RESULT 14 US-09-880-107-3756			
; Sequence 3756, Application US/09880107			
; Patent No. US20020142981A1			
GENERAL INFORMATION:			
APPLICANT: Horne, Darci T.			
APPLICANT: Voekley, Joseph G.			
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APPLICANT: Gene Logic, Inc.			
TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer			
FILE REFERENCE: 44921-5028-WO			
CURRENT APPLICATION NUMBER: US/09/880,107			
CURRENT FILING DATE: 2001-06-14			
PRIOR APPLICATION NUMBER: US 60/211,379			
PRIOR FILING DATE: 2000-06-14			
PRIOR APPLICATION NUMBER: US 60/237,054			
PRIOR FILING DATE: 2000-10-02			
NUMBER OF SEQ ID NOS: 3950			
SOFTWARE: Patentin Ver. 2.1			
SEQ ID NO 3756			
LENGTH: 2799			
TYPE: DNA			
ORGANISM: Homo sapiens			
FEATURE:			
OTHER INFORMATION: Genbank Accession No. US20020142981A1 X63359			
US-09-880-107-3756			
 Query Match 26.6%; Score 732.6; DB 10; Length 2799;			
Best Local Similarity 66.6%; Pred. No. 4e-135;			
Matches 1066; Conservative 0; Mismatches 529; Indels 6; Gaps 1			
OY	34	CATCATAGAGCTGACAGCAAGTCAGCTTGATTTGCTCCTCCAGCCTCTTCGTGTGG	93
Db	4	CACAAGAGATGGCTTGAAATGAGCTACAGTTCGTGATACAACTCAGTTTTTACTTTAG	63
OY	94	CTGTGATTTCTGGGAAAGTCCTGTGTGGCCCTGTGACATGAGCCATGGCTTAATG	153
Db	64	CTGTGGAGTTGTGGAAGGTGGTATGGGCCGCGAATPACGCTTTGGATGATAT	123
OY	154	CAAGTCAATTTATAAAGACTCATAGAGAGGAGCCATGAGGTAACTATTGACTC	213
Db	124	GAAAGCAATCTGAAAGACTTGTTCAGAGAGGTCATGAGGTGACTGACGACATCTC	183
OY	214	AAAGCTTCTGTTAATGACTACAGAAACCCTTGTGCATTTGAATTTNAGSTGGCCAT	273
Db	164	AGCTTCCATCTTTTGTGATCCCAAGCACTCATCCACTTAACTTGAAGTTATVCTAC	243
OY	274	GCCACAGACAGACAGAAAGAAATGAAATPTTGTGACTACTCTGAAATGCT----	329
Db	244	ATCTTTAACTAAACGTGATTTGAGATATCATCATGCAATTTGGTTAAGNATTTG	303
OY	330	--TGCAGGCTTATCAACCTGGCAATCAAGTTATATAAATTAATGATTTTTTTGTTGAAT	387
Db	304	AATTCAAAAAGATACATTTTGGTTACCTTTTCCAGAAAGAAATCCGTGGGCAAT	363
OY	388	AAGAGAACTTTAAAAATGATGTGTGAGAGACTTTTTCATCAATGAGAGCTTATGAGAA	447
Db	364	TATGACATAAATTTAGAACTCTGTGAAGATGATAGTTTCAAATTAAGAACTTATGAAAA	423
OY	448	GCATACGGAACCAACTAGATGATGATCTTATGACCTGTGATTCCTGTGAGACCT	507
Db	424	ACTACAGAGTCAAGATTGACATGTTTTTTCAGATGCTTATTTACCTGTGGTGACT	483
OY	508	GATGCTGATGCTTGCAGTCCCTTTTGTCTCACACTTAAGATTTCTGTGAGGGCAA	567
Db	484	GCATGCTGACATTTAATACATACCTTTGTGTACATCAGCTTACAGCTTACAGTCTGACT	543
OY	568	TATGAGCGAGAGTGTGGGAAATTCACAGTCCATTTCTATGTAATCTGTGCTATGAC	627

